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By: Nancy Ramos Printed: NANCY RAMOS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Y. Tom Tang, Michael G. Walker

Title: GROWTH-RELATED INFLAMMATORY AND IMMUNE RESPONSE PROTEIN

Serial No.: To Be Assigned Filed: Herewith

Examiner: To Be Assigned Group Art Unit: To Be Assigned

Commissioner for Patents
Box Sequence
Washington, D.C. 20231

SUBMISSION UNDER 37 CFR §1.821- 1.825 SEQUENCE LISTING

Sir:

In accordance with the requirements of 37 CFR §1.821- 1.825, Applicants hereby submit one (1) diskette containing the computer-readable information for the "Sequence Listing" of the above-identified application. The diskette complies with the requirements of 37 CFR §1.824 and is IBM PC compatible using a UNIX operating system with PERL Program.

Accompanying the application is the paper copy of the Sequence Listing as disclosed in the application.

The content of the "Sequence Listing" paper copy is identical to the computer readable copy, as required under 37 CFR § 1.821(f).

Respectfully submitted,

INCYTE GENOMICS, INC.

Date: December 19, 2000

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PC-0022 CIP

<110> Tang, Y. Tom
Walker, Michael G.

<120> GROWTH-RELATED INFLAMMATORY AND IMMUNE RESPONSE PROTEIN

<130> PC-0022 CIP

<140> To Be Assigned

<141> Herewith

<160> 14

<170> PERL Program

<210> 1

<211> 464

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 040371.3

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Thr	Ala	Asp	Ile	Leu	Cys	Pro	Lys	Ala	Lys	Arg	Thr	Ser	Arg	Phe
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Gln	Lys	Lys	Ser	Asn	Ile	Ser	Glu	Lys	Thr	Lys	Arg	Leu	Asn	Glu
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PC-0022 CIP

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Glu Ser Leu Asn Leu Glu Asp Gln Ile		Glu Ser Asp Glu Ser Glu			
	320		325		330
Leu Lys Lys Leu Lys Thr Glu Glu Asn		Ser Phe Lys Arg Leu Met			
	335		340		345
Ile Val Lys Lys Glu Lys Leu Ala Thr		Ala Gln Phe Lys Ile Asn			
	350		355		360
Lys Lys His Glu Asp Val Lys Gln Tyr		Lys Arg Thr Val Ile Glu			
	365		370		375
Asp Cys Asn Lys Val Gln Glu Lys Arg		Gly Ala Val Tyr Glu Arg			
	380		385		390
Val Thr Thr Ile Asn Gln Glu Ile Gln		Lys Ile Lys Leu Gly Ile			
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Gln Gln Leu Lys Asp Ala Ala Glu Arg		Glu Lys Leu Lys Ser Gln			
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Glu Ile Phe Leu Asn Leu Lys Thr Ala		Leu Glu Lys Tyr His Asp			
	425		430		435
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<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 040371.3

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gatggaattc aggagctaca acaatcacta aatcaggatt ttcataaaaa aacgatagtg 900
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<213> Homo sapiens

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<211> 535

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<213> Homo sapiens

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<221> misc_feature

<223> Incyte ID No: 2914466F6

<220>

<221> unsure

<222> 117, 469

<223> a, t, c, g, or other

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PC-0022 CIP

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<210> 6

<211> 542

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 6421045H1

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cg 542
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<211> 522

<212> DNA

<213> Homo sapiens

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<223> Incyte ID No: 3727909T1

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<221> unsure

<222> 119, 123-124, 390, 415, 488-489, 497

<223> a, t, c, g, or other

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ccggcgagata ggcaaaaatg agtccagatg agtaactaaa ttgctgaatg gtaagaagct 480
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<211> 595

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<223> Incyte ID No: 6562592H1

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aaaattgtcg gtggtttctt tgaaagaaat acaagagagt ttgaaaacaa aaattgtgga 240
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gaaaaattag ccagtatctt aaaggagagc ctgaacttgg aggaccaaat tgagagtgat 480
gagtcagaac tgaagaaatt gaagactgaa gaaaattcgt tcaaaagact gatgattgtg 540
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<210> 9

<211> 581

<212> DNA

<213> Homo sapiens

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<223> Incyte ID No: 6729631H1

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ccagagaagt taaagaatta taaagaaaaa atgaaagata cgggtccagaa gcttaaaaaat 180
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gaaaaattag ccagtatctt aaaggagagc ctgaacttgg aggaccaaat tgagagtgat 360
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aagaaggaaa aacttgccac agcacaattc aaaataaata agaagcatga agatgtgtag 480
caatacaaac gcacagtaat tgaggattgc cataaagttc cagaaaaaag aggtgctgtc 540
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<211> 511

<212> DNA

<213> Homo sapiens

PC-0022 CIP

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<223> Incyte ID No: 7702863J1

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tgatgaagcc aacattatct ggtacttctg atacttccat tcgcttcaac ttttctttct 240
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gagtcctctg ctgccttttc aataccgtcg tggattttct ccaaagcagt tttcaagttt 420
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<211> 290

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<213> Mus musculus

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<223> Incyte ID No: 700108016H1

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tctttatcca aacccaaagc ccgatgtctt atacatgac tacatgagag ccttacaat 240
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<210> 12

<211> 289

<212> DNA

<213> Rattus norvegicus

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<223> Incyte ID No: 700227686H1

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tagctgagat tgtagttcat attcgcaata aactgttaac tggagcggat ggcaaaaacc 180
tctccaagag cgattttctt ccaaaccga agcctgaagt cctgtacatg atttacatga 240
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<210> 13

<211> 573

<212> DNA

<213> Rattus norvegicus

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<221> misc_feature

<223> Incyte ID No: 702436073T1

PC-0022 CIP

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<211> 464

<212> PRT

<213> Homo sapiens

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<221> misc_feature

<223> Incyte ID No: HW051

<220>

<221> unsure

<222> 10, 20, 30, 39, 70, 87, 102, 115, 126, 145, 157, 170, 195, 224, 253, 306, 319, 339, 360, 378, 395

<223> unknown or other

<400> 14

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Leu Ser Lys Ser Asp Phe Leu Pro Asn Pro Lys Pro Glu Val Leu
          35          40          45
Tyr Met Ile Tyr Met Arg Ala Leu Gln Leu Val Tyr Gly Val Arg
          50          55          60
Leu Glu His Phe Tyr Met Met Pro Val Asn Ile Glu Val Met Tyr
          65          70          75
Pro His Ile Met Glu Gly Phe Leu Pro Val Ser Asn Leu Phe Phe
          80          85          90
His Leu Asp Ser Phe Met Pro Ile Cys Arg Val Asn Asp Phe Glu
          95          100          105
Ile Ala Asp Ile Leu Tyr Pro Lys Ala Asn Arg Thr Ser Arg Phe
          110          115          120
Leu Ser Gly Ile Ile Asn Phe Ile His Phe Arg Glu Thr Cys Leu
          125          130          135
Glu Lys Tyr Glu Glu Phe Leu Leu Gln Asn Lys Ser Ser Val Asp
          140          145          150
Lys Ile Gln Gln Leu Ser Asn Ala His Gln Glu Ala Leu Met Lys
          155          160          165
Leu Glu Lys Leu Asn Ser Val Pro Val Glu Glu Gln Glu Glu Phe
          170          175          180
Lys Gln Leu Lys Asp Asp Ile Gln Glu Leu Gln His Leu Leu Asn
          185          190          195
Gln Asp Phe Arg Gln Lys Thr Thr Leu Leu Gln Glu Arg Tyr Thr
          200          205          210
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Glu	Lys	Met	Lys	Asp	Thr	Val	Gln	Lys	Leu	Arg	Ser	Ala	Arg	Glu	260	265	270
Glu	Val	Met	Glu	Lys	Tyr	Asp	Ile	Tyr	Arg	Asp	Ser	Val	Asp	Cys	275	280	285
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Gln	Asp	Leu	Ala	Asp	Asn	Arg	Glu	Lys	Leu	Ser	Ser	Ile	Leu	Lys	305	310	315
Glu	Ser	Leu	Asn	Leu	Glu	Gly	Gln	Ile	Asp	Ser	Asp	Ser	Ser	Glu	320	325	330
Leu	Lys	Lys	Leu	Lys	Thr	Glu	Glu	Asn	Ser	Leu	Ile	Arg	Leu	Met	335	340	345
Thr	Leu	Lys	Lys	Glu	Arg	Leu	Ala	Thr	Met	Gln	Phe	Lys	Ile	Asn	350	355	360
Lys	Lys	Gln	Glu	Asp	Val	Lys	Gln	Tyr	Lys	Arg	Thr	Met	Ile	Glu	365	370	375
Asp	Cys	Asn	Lys	Val	Gln	Glu	Lys	Arg	Asp	Ala	Val	Cys	Glu	Gln	380	385	390
Val	Thr	Ala	Ile	Asn	Gln	Asp	Ile	His	Lys	Ile	Lys	Ser	Gly	Ile	395	400	405
Gln	Gln	Leu	Arg	Asp	Ala	Glu	Lys	Arg	Glu	Lys	Leu	Lys	Ser	Gln	410	415	420
Glu	Ile	Leu	Val	Asp	Leu	Lys	Ser	Ala	Leu	Glu	Lys	Tyr	His	Glu	425	430	435
Gly	Ile	Glu	Lys	Thr	Thr	Glu	Glu	Cys	Cys	Thr	Arg	Ile	Gly	Gly	440	445	450
Lys	Thr	Ala	Glu	Leu	Lys	Arg	Arg	Met	Phe	Lys	Met	Pro	Pro		455	460	